Project Title	Funding	Strategic Plan Objective	Institution
1/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder	$427,655	Q4.S.D	Florida State University
1/3-Atomoxetine placebo and parent training in autism	$269,976	Q4.S.F	University of Pittsburgh
1/3-Multisite RCT of early intervention for spoken communication in autism	$540,947	Q4.S.F	University of California, Los Angeles
1/3-Sequencing autism spectrum disorder extended pedigrees	$299,000	Q3.L.B	University of Utah
1/5-Randomized trial of parent training for young children with autism	$415,097	Q4.S.D	Yale University
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder	$284,658	Q4.S.D	Weill Cornell Medical College
2/3-Atomoxetine placebo and parent training in autism	$350,730	Q4.S.F	The Ohio State University
2/3-Multisite RCT of early intervention for spoken communication in autism	$391,019	Q4.S.F	University of Rochester
2/3-Sequencing autism spectrum disorder extended pedigrees	$231,688	Q3.L.B	University of Washington
2/5-Randomized trial of parent training for young children with autism	$213,407	Q4.S.D	The Ohio State University
2012 Fragile X and Autism-Related Disorders: From Basic Neuroscience to Improved	$15,000	Q7.K	Gordon Research Conferences
3/3-Atomoxetine placebo and parent training in autism	$263,639	Q4.S.F	University of Rochester
3/3-Multisite RCT of early intervention for spoken communication in autism	$813,835	Q4.S.F	Kennedy Krieger Institute
3/3-Sequencing autism spectrum disorder extended pedigrees	$160,000	Q3.L.B	University of Pennsylvania
3/5-Randomized trial of parent training for young children with autism	$230,655	Q4.S.D	University of Rochester
4/5-Randomized trial of parent training for young children with autism	$235,418	Q4.S.D	Indiana University-Purdue University Indianapolis
5/5-Randomized trial of parent training for young children with autism	$236,220	Q4.S.D	University of Pittsburgh
Abnormal network dynamics and "learning" in neural circuits from Fmr1-/- mice	$192,500	Q2.S.D	University of California, Los Angeles
Abnormal vestibulo-ocular reflexes in autism: A potential endophenotype	$0	Q1.L.A	University of Florida
Access, quality and financial implications of the transitions of children with autism	$0	Q5.S.A	University of North Carolina at Chapel Hill
ACE Center: Administration and data management	$302,671	Q7.Other	Boston University
ACE Center: Administrative Core	$114,622	Q7.Other	Yale University
ACE Center: Administrative Core	$208,325	Q7.Other	University of California, Los Angeles
ACE Center: Administrative Core	$73,923	Q7.Other	Emory University
ACE Center: Assessment Core	$510,544	Q1.L.A	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Auditory mechanisms of social engagement	$257,504	Q1.Other	Yale University
ACE Center: Auditory perception and perceptual organization in minimally verbal children with ASD	$288,440	Q2.L.B	Boston University
ACE Center: Augmenting language interventions for ASD: A translational approach	$281,072	Q4.L.A	University of California, Los Angeles
ACE Center: Changing developmental trajectories through early treatment	$390,669	Q4.L.D	Emory University
ACE Center: Clinical Assessment Core	$362,584	Q7.Other	Emory University
ACE Center: Clinical Core	$575,083	Q7.Other	Boston University
ACE Center: Data Management and Analysis Core	$201,589	Q7.Other	Yale University
ACE Center: Data Management and Analysis Core	$97,824	Q7.Other	Emory University
ACE Center: Diagnostic and Recruitment Core	$236,921	Q7.Other	University of California, Los Angeles
ACE Center: Eye-tracking studies of social engagement	$287,074	Q1.L.B	Yale University
ACE Center: Gaze perception abnormalities in infants with ASD	$286,420	Q1.L.A	Yale University
ACE Center: Genetic and genomic analyses to connect genes to brain to cognition in ASD	$252,243	Q2.S.G	University of California, Los Angeles
ACE Center: Inter-regional connectivity in the speech network of minimally verbal children	$365,407	Q4.S.G	Boston University
ACE Center: Neural assays and longitudinal assessment of infants at very high risk for ASD	$186,019	Q1.L.A	University of California, Los Angeles
ACE Center: Neuroimaging/Neurophysiology Core	$195,745	Q7.Other	University of California, Los Angeles
ACE Center: Neuroimaging signatures of autism: Linking brain function to genes and behavior	$191,823	Q2.S.G	University of California, Los Angeles
ACE Center: Neuroimaging studies of connectivity in ASD	$315,268	Q2.Other	Yale University
ACE Center: Ontogeny and neural basis of social visual engagement in monkeys	$314,068	Q2.Other	Emory University
ACE Center: Predicting risk and resilience in ASD through social visual engagement	$329,264	Q2.L.B	Emory University
ACE Center: Rare variant genetics, contactin-related proteins and autism	$324,189	Q3.L.B	Yale University
ACE Center: Research, training and education	$91,207	Q7.K	Boston University
ACE Center: Research Education and Training Core	$233,017	Q7.K	University of California, Los Angeles
ACE Center: Research Training and Education Core	$58,382	Q7.K	Emory University
ACE Center: Targeting joint engagement in infants at risk for ASD: Integrating treatment with biomarkers	$279,987	Q4.L.B	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Testing the efficacy of a novel intervention for minimally verbal children with ASD	$377,590	Q4.S.G	Boston University
ACE Center: The ontogeny of social vocal engagement and its derailment in autism	$201,683	Q1.L.A	Emory University
ACE Network: A comprehensive approach to identification of autism susceptibility genes	$2,631,440	Q3.L.B	University of California, Los Angeles
ACE Network: A comprehensive approach to identification of autism susceptibility genes (supplement)	$442,627	Q3.L.B	University of California, Los Angeles
ACE Network: Adaptive interventions for minimally verbal children with ASD in the community	$2,755,427	Q4.S.G	University of California, Los Angeles
ACE Network: A longitudinal MRI study of infants at risk for autism	$2,619,590	Q2.L.A	University of North Carolina at Chapel Hill
ACE Network: A longitudinal MRI study of infants at risk for autism (supplement)	$565,115	Q2.L.A	University of North Carolina at Chapel Hill
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) Network	$2,835,202	Q3.L.A	Drexel University
ACE Network: Early biomarkers of autism spectrum disorders in infants with tuberous sclerosis	$2,649,781	Q1.L.A	Boston Children's Hospital
ACE Network: Early pharmacotherapy guided by biomarkers in autism	$1,996,122	Q4.S.F	Wayne State University
ACE Network: Multigenerational FamIlial and Environmental Risk for Autism (MINERvA) Network	$1,000,000	Q3.L.D	Mount Sinai School of Medicine
ACE Network: Multimodal developmental neurogenetics of females with ASD	$3,118,985	Q2.S.B	Yale University
ACE Network: Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors (SOARS-B)	$2,589,347	Q4.L.A	University of North Carolina at Chapel Hill
A collaborative translational autism research program for the military.	$903,888	Q2.S.G	Nationwide Children's Hospital
A computer-based social intervention for students with high functioning ASD: Using technology to improve special education	$899,994	Q4.L.D	3-C Institute for Social Development
Action anticipation in infants	$102,258	Q2.Other	University of Chicago
Activity-dependent phosphorylation of MeCP2	$177,055	Q2.S.D	Harvard Medical School
Adapting cognitive enhancement therapy for ASD	$213,586	Q4.Other	University of Pittsburgh
Adaptive response technology for autism spectrum disorders intervention	$371,470	Q4.Other	Vanderbilt University Medical Center
Administrative Core	$529,146	Q7.Other	University of North Carolina at Chapel Hill
Advancing Social-Communication and Play (ASAP): An intervention program for preschoolers with autism	$859,119	Q4.S.D	University of North Carolina at Chapel Hill
A family-genetic study of autism and fragile X syndrome	$751,420	Q2.S.D	Northwestern University
A family-genetic study of language in autism	$391,295	Q2.S.G	Northwestern University

Project Title	Funding	Strategic Plan Objective	Institution
A history of behavioral genetics	$0	Q3.Other	University of Pittsburgh
AIR-P Research RFAs	$1,188,715	Q7.K	N/A
Allelic choice in Rett syndrome	$390,481	Q2.S.D	Winifred Masterson Burke Medical Research Institute
A longitudinal MRI study of brain development in fragile X syndrome	$610,416	Q2.S.D	University of North Carolina at Chapel Hill
Altered gastrointestinal function in the neuroligin-3 mouse model of autism	$0	Q2.S.E	University of Melbourne
Altered gastrointestinal function in the neuroligin-3 mouse model of autism	$0	Q2.S.E	University of Melbourne
Altered gastrointestinal function in the neuroligin-3 mouse model of autism	$0	Q2.S.E	University of Melbourne
Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	$535,699	Q2.S.A	University of Southern California
Amygdala connectivity in autism spectrum disorder	$49,934	Q2.L.A	University of California, Davis
Analyses of brain structure and connectivity in young children with autism	$238,042	Q1.L.B	University of California, Davis
Analysis of cultural appropriateness and necessary modifications of the Survey of Well Being for Young Children on Native American reservations	$100,000	Q1.S.B	University of Colorado Denver
Analysis of Shank3 complete and temporal and spatial specific knockout mice	$481,448	Q2.Other	Duke University
Analysis of the small intestinal microbiome of children with autism	$0	Q3.S.I	Massachusetts General Hospital
A network approach to the prediction of autism spectrum disorders	$223,949	Q1.L.A	Indiana University
A neural model of fronto-parietal mirror neuron system dynamics	$183,960	Q2.Other	University of Maryland, College Park
A neuroimaging study of twin pairs with autism	$625,557	Q2.S.G	Stanford University
Animal-assisted intervention for children with autism spectrum disorder	$75,007	Q4.L.D	Purdue University
Animal model of genetics and social behavior in autism spectrum disorders	$791,070	Q2.S.G	Duke University
Animal model of speech sound processing in autism	$283,249	Q4.S.B	University of Texas at Dallas
Animal models Of neuropsychiatric disorders	$974,415	Q4.S.B	National Institutes of Health
An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders	$154,617	Q1.L.A	University of Colorado Denver
An open resource for autism iPSCs and their derivatives	$562,927	Q7.D	Children's Hospital of Orange County
A novel adaptive transactional virtual reality-based assistive technology for autism intervention	$104,814	Q4.Other	Vanderbilt University

Project Title	Funding	Strategic Plan Objective	Institution
A novel quantitative framework to study lack of social interactions in autism	$0	Q1.L.B	Rutgers, The State University of New Jersey - New Brunswick
A parent to parent model of support and service coordination for families of preschool age children with ASD	$300,000	Q5.S.A	University of Connecticut Health Center
App for Speech Development for Students with ASD	$150,000	Q4.S.G	HandHold Adaptive, LLC
A prospective multi-system evaluation of infants at risk for autism	$0	Q1.L.B	Massachusetts General Hospital
A prospective multi-system evaluation of infants at risk for autism	$0	Q1.L.B	Massachusetts General Hospital
A randomized, controlled trial of intranasal oxytocin as an adjunct to behavioral therapy for autism spectrum disorder	$0	Q4.S.C	Massachusetts General Hospital
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	$0	Q4.S.F	University of Pittsburgh
A randomized trial of the SCERTS curriculum for students with autism spectrum disorders in early elementary school classrooms	$749,849	Q4.S.D	Florida State University
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	$302,820	Q1.L.A	University of California, San Diego
Assessing interactive avatars for use with children with autism	$76,800	Q4.Other	Carnegie Mellon University
Assisted reproductive technologies and increased autism risk	$200,000	Q3.L.C	Columbia University
ATN Registry	$728,000	Q7.O	N/A
Atypical pupillary light reflex in individuals with autism	$0	Q1.Other	University of Missouri
Auditory and integrative functions of the prefrontal cortex	$387,285	Q2.Other	University of Rochester
Auditory processing training: A novel treatment for sound hypersensitivities in autism	$181,154	Q4.S.C	Cognionics
Autism: Neuropeptide hormones and potential pathway genes	$185,338	Q2.S.G	University of Illinois at Urbana Champaign
Autism: Social and communication predictors in siblings	$805,136	Q1.L.A	Kennedy Krieger Institute
Autism and Developmental Disabilities Monitoring (ADDM) network - Alabama	$425,000	Q7.I	University of Alabama at Birmingham
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona	$425,000	Q7.I	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona (expanded)	$150,000	Q7.L	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - Arkansas	$423,626	Q7.I	University of Arkansas for Medical Sciences
Autism and Developmental Disabilities Monitoring (ADDM) network - Colorado	$390,000	Q7.I	Colorado Department of Health and Environment

Project Title	Funding	Strategic Plan Objective	Institution
Autism and Developmental Disabilities Monitoring (ADDM) network - Maryland	$425,000	Q7.I	Johns Hopkins University
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri	$409,966	Q7.I	Washington University in St. Louis
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri (expanded)	$97,003	Q7.L	Washington University in St. Louis
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey	$425,001	Q7.I	University of Medicine & Dentistry of New Jersey
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey (expanded)	$150,000	Q7.L	University of Medicine & Dentistry of New Jersey
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	$413,169	Q7.I	University of North Carolina at Chapel Hill
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina	$424,999	Q7.I	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina (expanded)	$150,000	Q7.L	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah	$417,881	Q7.I	University of Utah
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah (expanded)	$149,999	Q7.L	University of Utah
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin	$425,000	Q7.I	University of Wisconsin - Madison
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin (expanded)	$150,000	Q7.L	University of Wisconsin - Madison
Autism genetics: Homozygosity mapping and functional validation	$850,815	Q3.S.A	Boston Children's Hospital
Autism in older adults: A pilot, descriptive study	$74,000	Q6.S.A	University of North Carolina at Chapel Hill
Autism Intervention Research Network on Behavioral Health (AIR-B network)	$1,405,365	Q4.S.D	University of California, Los Angeles
Autism Intervention Research Network on Physical Health (AIR-P network)	$2,079,996	Q4.S.A	Massachusetts General Hospital
Autism interventions and innovative evaluation of teacher quality	$0	Q5.L.C	Texas A & M International University
Autism iPSCs for studying function and dysfunction in human neural development	$460,152	Q4.S.B	Scripps Research Institute
Autism Registry	$447,613	Q7.C	Group Health Cooperative
Autism Registry (supplement)	$20,045	Q7.C	Group Health Cooperative
Autism risk, prenatal environmental exposures, and pathophysiologic markers	$1,815,424	Q3.S.C	University of California, Davis
Autism spectrum disorder: Birth cohort 1976-2000, epidemiology and adult status	$560,556	Q6.Other	Mayo Clinic

Project Title	Funding	Strategic Plan Objective	Institution
Autism Spectrum Specialized Education and Training (ASSET)	$249,429	Q5.Other	Florida State University
Autistic traits: Life course & genetic structure	$531,127	Q2.S.G	Washington University in St. Louis
Autoimmunity against novel antigens in neuropsychiatric dysfunction	$320,000	Q2.S.A	University of Pennsylvania
Bayesian variable selection in generalized linear models with missing variables	$95,377	Q2.Other	Hunter College (City University of New York)
BDNF and the restoration of synaptic plasticity in fragile X and autism	$470,063	Q2.S.D	University of California, Irvine
Behavioral, fMRI, and anatomical MRI investigations of attention in autism	$47,114	Q2.Other	Massachusetts Institute of Technology
Behavioral and neural processing of faces and expressions in nonhuman primates	$435,600	Q2.Other	Emory University
Behavioral treatment through in-home telehealth for young children with autism	$299,886	Q5.L.A	University of Iowa
Biomarkers for autism and for gastrointestinal and sleep problems in autism	$0	Q1.L.A	Yale University
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)	$634,243	Q4.S.F	Medical University of South Carolina
Birth to kindergarten professional preparation: Inclusive services for children with Autism Spectrum Disorders	$299,997	Q5.Other	University of North Carolina at Greensboro
Brain bases of language deficits in SLI and ASD	$614,180	Q2.Other	Massachusetts Institute of Technology
BRIGE: Emotion mapping of children through human-robot interaction and affective computing	$174,583	Q2.Other	University of Louisville Research Foundation Inc
Building a selective inhibitory control tone in autism: An rTMS study	$219,780	Q4.Other	University of Louisville
CAREER: Dissecting the neural mechanisms for face detection	$0	Q2.Other	California Institute of Technology
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	$106,218	Q1.Other	Cornell University
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	$0	Q2.Other	Cornell University
CAREER: Statistical models and classification of time-varying shape	$8,000	Q2.Other	University of Utah
CAREER: The role of prosody in word segmentation and lexical access	$0	Q2.Other	Michigan State University
CAREER: Typical and atypical development of brain regions for theory of mind	$86,848	Q2.Other	Massachusetts Institute of Technology
Caspr2 as an autism candidate gene: A proteomic approach to function & structure	$312,000	Q2.Other	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School

Project Title	Funding	Strategic Plan Objective	Institution
CDI-Type I: Understanding regulation of visual attention in autism through computational and robotic modeling	$0	Q1.L.B	Yale University
CDI-TYPE II: From language to neural representations of meaning	$0	Q2.Other	Carnegie Mellon University
Cell adhesion molecules in autism: A whole-brain study of genetic mouse models	$485,438	Q2.Other	Cold Spring Harbor Laboratory
Cell adhesion molecules in CNS development	$534,562	Q2.Other	The Scripps Research Institute - California
Cell speciflc genomic imprinfing during cortical development and in mouse models	$328,975	Q3.S.J	Harvard University
Cellular and genetic correlates of increased head size in autism spectrum disorder	$393,455	Q4.S.B	Yale University
Cellular density and morphology in the autistic temporal human cerebral cortex	$363,672	Q2.Other	University of California, Davis
Center for Education and Research on Mental Health Therapeutics	$0	Q5.Other	Rutgers, The State University of New Jersey - New Brunswick
Center on Secondary Education for Students with Autism Spectrum Disorders (CSESA)	$2,000,903	Q4.L.D	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	$1,020,000	Q3.L.D	Kaiser Foundation Research Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	$1,110,000	Q3.L.D	Colorado Department of Health and Environment
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	$900,000	Q3.L.D	Michigan State University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	$1,451,838	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	$1,520,000	Q3.L.D	Johns Hopkins University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	$1,020,001	Q3.L.D	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	$1,020,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
Cerebellar modulation of frontal cortical function	$302,306	Q2.Other	University of Memphis
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the schizophrenia-associated 3q29 deletion in mouse	$404,198	Q4.S.B	Emory University

Project Title	Funding	Strategic Plan Objective	Institution
Characterizing mechanistic heterogeneity across ADHD and autism	$611,788	Q2.Other	Oregon Health & Science University
Characterizing the genetic systems of autism through multi-disease analysis	$524,280	Q2.S.G	Harvard Medical School
Characterizing the genetic systems of autism through multi-disease analysis (supplement)	$120,328	Q2.S.G	Harvard Medical School
Clinical and behavioral phenotyping of autism and related disorders	$2,241,297	Q1.L.B	National Institutes of Health
Cognitive control of emotion in autism	$102,638	Q2.Other	University of Pittsburgh
Collaboration of Autism Specialists Training (COAST) Program	$200,000	Q5.Other	California State Los Angeles University Auxiliary Services, Inc.
Collaborative Adolescent Autism Teacher Training (CAATT)	$198,178	Q5.Other	University of Georgia
Collaborative partnerships	$200,000	Q5.L.C	San Francisco State University
Collaborative Personnel Preparation in Autism (COPPA)	$242,214	Q5.Other	University of Georgia
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$600,000	Q1.L.B	University of Southern California
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$1,314,749	Q1.L.B	Georgia Tech Research Corporation
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$600,000	Q1.L.B	Massachusetts Institute of Technology
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$600,658	Q1.L.B	Carnegie Mellon University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$313,753	Q1.L.B	Trustees of Boston University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$600,000	Q1.L.B	University of Illinois at Urbana Champaign
Collaborative research: Learning complex auditory categories	$0	Q2.Other	Carnegie Mellon University
Collaborative research: Learning complex auditory categories	$0	Q2.Other	University of Arizona
Collaborative research: Modeling perception and memory: Studies in priming	$0	Q2.Other	University of California, San Diego
Collaborative research: RUI: Perceptual pick-up processes in interpersonal coordination	$0	Q2.Other	College of the Holy Cross
Communication, autism, and technology	$0	Q5.Other	University of Kansas Medical Center Research Institute, Inc.

Project Title	Funding	Strategic Plan Objective	Institution
Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	$0	Q4.L.D	University of North Carolina at Chapel Hill
Complex genetic architecture of chromosomal aberrations in autism	$92,917	Q3.L.B	Massachusetts General Hospital
Components of limited activity monitoring in toddlers with ASD	$82,896	Q1.L.B	Yale University
Comprehensive autism program using Strategies for Teaching based on Autism Research	$0	Q4.S.D	Portland State University
Comprehensive clinical phenotyping and genetic mapping for the discovery of autism susceptibility genes.	$0	Q7.Other	Nationwide Children's Hospital
Comprehensive support for families with autism: A parent-based mentoring approach	$300,000	Q5.S.C	University of Colorado Denver
Comprehensive systems change through RTI and SW-PBS	$672,525	Q5.L.C	Colorado Department of Education - Exceptional Student Leadership Unit
Computational characterization of language use in autism spectrum disorder	$738,723	Q2.Other	Oregon Health & Science University
Computer Assisted Autism Care (CAAC)	$490,038	Q1.S.B	Indiana University-Purdue University Indianapolis
Consortium for promoting cross-linguistic understanding of communication disabilities in children	$0	Q5.Other	East Tennessee State University
Contingency analyses of observing and attending in intellectual disabilities	$276,181	Q4.S.G	University of Massachusetts Medical School
Controlled trial of sertraline in young children with Fragile X Syndrome	$285,970	Q4.L.A	University of California, Davis
Controlling interareal gamma coherence by optogenetics, pharmacology and behavior	$84,775	Q2.Other	Massachusetts Institute of Technology
Core A: Administrative Services	$255,539	Q7.Other	Vanderbilt University Medical Center
Core B: Outreach and Translation (supplement)	$30,783	Q7.Other	University of California, Davis
Core C: Analytical Core (supplement)	$30,784	Q7.Other	University of California, Davis
Core D: Clinical Neuroscience Services	$207,706	Q7.Other	Vanderbilt University Medical Center
Core D: Molecular Genomics Core (supplement)	$30,783	Q7.Other	University of California, Davis
Core E: Participant Recruitment & Assessment Services	$278,269	Q7.Other	Vanderbilt University Medical Center
Core E: Statistical Analysis Core (supplement)	$30,783	Q7.Other	University of California, Davis
Cortactin and spine dysfunction in fragile X	$32,875	Q2.S.D	University of California, Irvine
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome	$278,656	Q2.S.D	University of Texas Southwestern Medical Center
Cortical dynamics in autism	$52,190	Q2.Other	New York University
Creating the Developmental-Behavioral Pediatrics Research Network	$250,000	Q7.N	Children's Hospital of Philadelphia

Project Title	Funding	Strategic Plan Objective	Institution
Cross-sector patterns of treatment for children with autism	$65,000	Q5.Other	University of Chicago
Cultural equivalence of autism assessment for Latino children	$74,250	Q1.S.B	University of Wisconsin - Madison
Customized representations promote language learning for older learners with ASD	$76,500	Q4.S.G	University of Delaware
Decoding 'what' and 'who' in the auditory system of children with autism spectrum disorders	$197,500	Q2.Other	Stanford University
Defining the electrophysiological dynamics of the default mode network	$146,025	Q2.Other	University of Washington
Delayed motor learning in autism	$356,598	Q4.Other	Brandeis University
Developing a 3D-based virtual learning environment for use in schools to enhance the social competence of youth with autism spectrum disorder	$0	Q4.L.D	University of Missouri
Developing a novel treatment for restricted inflexible behavior	$178,061	Q4.Other	University of Florida
Developing a school-based social competence intervention (SCI)	$0	Q4.L.D	University of Missouri
Developing novel automated apparatus for studying battery of social behaviors in mutant mouse models for autism	$0	Q2.Other	Weizmann Institute of Science
Developing the autism model of implementation for ASD community providers	$185,333	Q5.L.A	San Diego State University
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	$0	Q4.L.A	University of Medicine & Dentistry of New Jersey
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Developmental social neuroscience in infants at-risk for autism	$181,367	Q1.L.C	Yale University
Development of a high-content neuronal assay to screen therapeutics for the treatment of cognitive dysfunction in autism spectrum disorders	$0	Q4.S.B	Massachusetts Institute of Technology
Development of an executive function-based intervention for ASD	$255,420	Q4.Other	Children's Research Institute
Development of an internet-based parent training intervention for children with ASD	$0	Q5.L.A	Michigan State University
Development of an intervention to enhance the social competencies of children with Asperger’s/high functioning autism spectrum disorders	$0	Q4.L.D	University at Buffalo, The State University of New York
Development of a novel biomarker test for autism risk screening	$336,569	Q1.S.A	Xen Biofluidx, Inc.

Project Title	Funding	Strategic Plan Objective	Institution
Development of a social and communication intervention for preschoolers with autism	$499,966	Q4.L.D	Kennedy Krieger Institute
Development of face processing expertise	$351,984	Q2.Other	University of Toronto
Development of face processing in infants with autism spectrum disorders	$409,613	Q1.L.B	Yale University
Development of intermodal perception of social events: Infancy to childhood	$310,903	Q1.L.C	Florida International University
Development of the functional neural systems for face expertise	$507,685	Q2.Other	University of California, San Diego
Development of ventral stream organization	$137,338	Q2.Other	University of Pittsburgh
Diffusion tensor MR spectroscopic imaging in human brain	$203,715	Q2.Other	University of New Mexico Health Sciences Center
Dimensions of mind perception	$0	Q2.Other	Harvard University
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	$0	Q3.S.J	Kennedy Krieger Institute
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	$0	Q3.S.J	Johns Hopkins University
Dissecting the neural control of social attachment	$764,775	Q4.S.B	University of California, San Francisco
Dissertation research: Translating diagnoses across cultures: Expertise, autism, and therapeutics of the self in Morocco	$0	Q1.Other	Columbia University
Divergent biases for conspecifics as early markers for autism spectum disorders	$269,604	Q1.L.A	New York University
Do access barriers to autism care persist despite autism insurance mandate?	$295,367	Q5.S.A	Pennsylvania State University
Do animations facilitate symbol understanding in children with autism?	$197,259	Q4.S.G	Northeastern University
Doctoral Training in Research, Autism, and Interdisciplinary Leadership (TRAIL)	$249,839	Q7.K	Florida State University
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	$615,849	Q2.Other	University of California, Irvine
Dynamic regulation of Shank3 and ASD	$646,316	Q2.Other	Johns Hopkins University
Dysregulation of mTOR signaling in fragile X syndrome	$415,000	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Dysregulation of mTOR signaling in fragile X syndrome (supplement)	$72,034	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Dysregulation of protein synthesis in fragile X syndrome	$1,117,731	Q2.S.D	National Institutes of Health
Early detection of pervasive developmental disorders	$992,563	Q1.S.A	University of Connecticut
Early intervention/early childhood special education autism specialization	$250,000	Q5.Other	University Of Pittsburgh

Project Title	Funding	Strategic Plan Objective	Institution
Early pharmacotherapy guided by biomarkers in autism (supplement)	$260,000	Q4.S.F	Wayne State University
Early quantitative characterization of reciprocal social behavior	$590,421	Q1.L.C	Washington University in St. Louis
Early Response Learning Initiative (EARLI)	$0	Q5.Other	University of Virginia
Early social and emotional development in toddlers at genetic risk for autism	$369,179	Q1.L.A	University of Pittsburgh
East Carolina University Pathways	$0	Q5.Other	East Carolina University
EEG-based assessment of functional connectivity in autism	$175,042	Q2.Other	Kennedy Krieger Institute
EEG complexity trajectory as an early biomarker for autism	$261,000	Q1.L.A	Boston Children's Hospital
Effectiveness and implementation of a mental health intervention for ASD	$804,837	Q5.L.A	University of California, San Diego
Effect of paternal age on mutational burden and behavior in mice	$222,000	Q2.Other	University of North Carolina at Chapel Hill
Effects of chronic intranasal oxytocin	$568,507	Q4.S.B	University of California, Davis
Effects of therapeutic horseback riding on children and adolescents with autism spectrum disorders	$298,618	Q4.S.C	University of Colorado Denver
Efficacy and sustainability of the STAR program	$0	Q4.S.D	University of Pennsylvania
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	$685,483	Q4.L.D	University of North Carolina at Chapel Hill
Efficacy of a qigong massage methodology for children with ASD aged 3-11 years	$242,590	Q4.L.D	Western Oregon University
Efficacy of the home TEACCHing program for toddlers with autism	$299,995	Q4.L.D	University of North Carolina at Chapel Hill
Electronic location reporting for individuals with cognitive disabilities	$561,963	Q4.S.H	Intellispeak, LLC
Electrophysiological correlates of cognitive control in autism	$130,898	Q1.L.B	University of California, Davis
Electrophysiological response to executive control training in autism	$89,670	Q2.Other	University of Washington
Elucidating the function of class 4 semaphorins in GABAergic synapse formation	$336,922	Q2.Other	Brandeis University
Elucidating the function of class 4 semaphorins in GABAergic synapse formation (supplement)	$23,015	Q2.Other	Brandeis University
Elucidation of the developmental role of Jakmip1, and autism-susceptibility gene	$31,474	Q2.Other	University of California, Los Angeles
Emergence and stability of autism in fragile X syndrome	$358,000	Q2.S.D	University of South Carolina
Emergence and stability of autism in fragile X syndrome (supplement)	$87,314	Q2.S.D	University of South Carolina

Project Title	Funding	Strategic Plan Objective	Institution
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	$470,003	Q2.Other	Sloan-Kettering Institute for Cancer Research
Engrailed targets and the control of synaptic circuits in Drosophila	$352,100	Q2.Other	University of Puerto Rico Medical Sciences Campus
Environment, the perinatal epigenome, and risk for autism and related disorders	$1,976,271	Q3.S.J	Johns Hopkins University
Environmentally Triggered Neurodevelopmental Disorders: Focus on Endocrine Disruption and Sex Differences in Autism, ADHD, and Schizophrenia	$3,000	Q7.K	University of Arkansas for Medical Sciences
EPA/NIEHS Center for Children's Environmental Health (CCEH) at UC Davis	$0	Q3.S.C	University of California, Davis
Epigenetic and transcriptional dysregulation in autism spectrum disorder	$629,805	Q3.S.J	University of California, Los Angeles
Epigenetic biomarkers of autism in human placenta	$0	Q1.L.A	University of California, Davis
Epileptiform discharges and its relation to cognition and behavior in children with autism spectrum disorders	$0	Q2.S.E	Vanderbilt University
E-Quality Measures development	$450,000	Q1.S.C	MITRE
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	$0	Q6.L.A	University of Iowa
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	$0	Q6.L.A	University of Virginia
Evaluating and enhancing driving skills of individuals with Asperger's and high-functioning autism	$0	Q6.L.A	University of Virginia
Evaluating the efficacy of the school-based Social Competence Intervention for Adolescents (SCI-A) with high functioning autism	$797,258	Q4.L.D	University of Missouri
Evaluating the impact of early intervention services on young children with autism spectrum disorders and their families: A state systems approach	$300,000	Q5.S.C	Health Research, Inc.; New York State Department of Health
Evaluating the time-dependent unfolding of social interactions in autism	$252,622	Q2.Other	University of Cincinnati
Evaluation of a comprehensive community-based intervention for toddlers with ASD	$707,793	Q4.S.D	University of Oklahoma
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	$0	Q4.S.B	University of Pennsylvania
Examination of the use of a Spanish version of the Online and Applied System for Intervention Skills (OASIS) Training Program with parents of children with an autism spectrum disorder	$200,000	Q5.L.A	University of Kansas Medical Center
Examining the efficacy of classroom pivotal response teaching in classroom environments	$653,534	Q4.S.D	Rady Children's Hospital Health Center

Project Title	Funding	Strategic Plan Objective	Institution
Excessive cap-dependent translation as a molecular mechanism underlying ASD	$0	Q2.Other	New York University
Executive function in children with typical and atypical language abilities	$564,177	Q2.Other	University of Wisconsin - Madison
Experience and cognitive development in infancy	$102,038	Q2.Other	University of California, Davis
Experimental evaluation of the Online and Applied System for Intervention Skills (OASIS) training program using video-conferencing for parents of children with an autism spectrum disorder	$0	Q5.L.A	University of Kansas Medical Center Research Institute, Inc.
Exploring interactions between folate and environmental risk factors for autism	$208,782	Q3.S.J	University of California, Davis
Exploring the neuronal phenotype of autism spectrum disorders using induced pluripotent stem cells	$366,529	Q4.S.B	Stanford University
Exploring the uncanny valley	$0	Q2.Other	Carnegie Mellon University
Extended tracking of single synaptic proteins with upconverting nanoparticles	$10,819	Q2.Other	University of California; Lawrence Berkeley National Laboratory
Extraction of functional subnetworks in autism using multimodal MRI	$360,294	Q1.L.B	Yale University
Face perception: Mapping psychological spaces to neural responses	$0	Q2.Other	Stanford University
Facilitating employment for youth with autism: A replication study of an internship model to identify evidence based practices	$499,995	Q5.L.B	Virginia Commonwealth University
Factors associated with positive outcomes for children and youth with autism: Secondary analysis of data from SEELS and NLTS2	$342,223	Q4.L.D	SRI International
Family studies of sensorimotor and neurocognitive heterogeneity in autism spectrum disorders (ASD)	$0	Q1.L.B	University of Texas Southwestern Medical Center
fcMRI in infants at high risk for autism	$584,566	Q1.L.A	Washington University in St. Louis
Finding and keeping the best: A rural regional partnership for recruiting and retaining teachers for children with low incidence disabilities	$200,000	Q5.Other	California State University Chico Research Foundation
Florida's state personnel development grant	$0	Q5.Other	Florida Department of Education
FOXP2-regulated signaling pathways critical for higher cognitive functions	$248,921	Q3.Other	University of Texas Southwestern Medical Center
FOXP2-regulated signaling pathways critical for higher cognitive functions (supplement)	$66,686	Q3.Other	University of Texas Southwestern Medical Center
Functional analysis of rare variants in genes associated with autism	$146,625	Q4.S.B	Yale University
Functional anatomy of face processing in the primate brain	$1,660,304	Q2.Other	National Institutes of Health

Project Title	Funding	Strategic Plan Objective	Institution
Functional circuit disorders of sensory cortex in ASD and RTT	$254,976	Q2.S.D	University of Pennsylvania
Functional imaging of flexibility in autism: Informed by SLC6A4	$132,748	Q2.S.G	Children's Hospital of Philadelphia
Functional neuroimaging of attention in autism	$192,365	Q2.S.E	Children's Hospital of Philadelphia
Functional neuroimaging of psychopharmacologic intervention for autism	$162,369	Q2.L.B	University of North Carolina at Chapel Hill
Functional properties and directed connectivity in the face-processing network	$55,670	Q2.Other	Yale University
Functional role of IL-6 in fetal brain development and abnormal behavior	$42,232	Q2.Other	California Institute of Technology
Function and structure adaptations in forebrain development	$541,770	Q2.Other	University of Southern California
Function of neurexins	$473,710	Q2.Other	Stanford University
Futures Project: Preparing special educators to use evidence-based practices to support desirable futures for students with significant disabilities	$0	Q5.Other	Portland State University
GABRB3 and placental vulnerability in ASD	$642,258	Q2.S.A	Stanford University
Gene dosage imbalance in neurodevelopmental disorders	$689,795	Q1.S.E	Weis Center for Research - Geisinger Clinc
Gene dosage imbalance in neurodevelopmental disorders (supplement)	$195,000	Q1.S.E	Weis Center for Research - Geisinger Clinc
Gene-environment interactions in an autism birth cohort	$3,012,046	Q3.L.D	Columbia University
Genetic and developmental analyses of fragile X mental retardation protein	$438,391	Q2.S.D	Vanderbilt University Medical Center
Genetic dissection of restricted repetitive behavior (RRB)	$177,736	Q2.S.G	Seattle Children's Hospital
Genetic epidemiology of complex traits	$559,192	Q3.L.B	National Institutes of Health
Genome-wide identification of variants affecting early human brain development	$611,005	Q2.S.G	University of North Carolina at Chapel Hill
Genomic and epigenomic effects of large CNV in neurons from iPSC	$2,355,000	Q2.S.G	Stanford University
Genotype-phenotype relationships in fragile X families	$612,413	Q2.S.D	University of California, Davis
Glial control of neuronal receptive ending morphology	$418,275	Q2.Other	The Rockefeller University
Graduate preparation for transition and instructional leadership for services to students with low incidence disabilities: Emphasis on academic and social success in LRE through implementation of evidence-based practices and instructional programming	$199,996	Q5.Other	University of North Texas
Grammatical development in boys with fragile X syndrome and autism	$148,500	Q2.S.D	University of Wisconsin - Madison

Project Title	Funding	Strategic Plan Objective	Institution
HCC: Medium: Automatic detection of atypical patterns in cross-modal affect	$0	Q1.L.B	Oregon Health & Science University
HCC:Small:Computational studies of social nonverbal communication	$0	Q2.Other	University of Southern California
HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	$19,420	Q4.Other	University of Southern California
High-throughput DNA sequencing method for probing the connectivity of neural circuits at single-neuron resolution	$464,475	Q2.Other	Cold Spring Harbor Laboratory
High throughput screen for small molecule probes for neural network development	$405,000	Q2.Other	Johns Hopkins University
High throughput sequencing of autism spectrum disorder (ASD) endophenotypes	$39,432	Q2.S.G	Baylor College of Medicine
Homeostatic regulation of presynaptic function by dendritic mTORC1	$32,747	Q2.Other	University of Michigan
How autism affects speech understanding in multitalker environments	$0	Q2.Other	University of Maryland, College Park
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	$618,967	Q3.S.J	Baylor College of Medicine
Hypocholesterolemic autism spectrum disorder	$84,549	Q3.L.B	National Institutes of Health
Identification of candidate genes at the synapse in autism spectrum disorders	$168,839	Q2.Other	Yale University
Identification of genetic pathways that regulate neuronal circuits in C. elegans	$47,114	Q2.Other	University of California, San Diego
Identification of lipid biomarkers for autism	$0	Q1.L.A	Massachusetts General Hospital
Identifying markers for treatment response to cognitive training in autism spectrum disorders	$153,999	Q4.S.F	University of California, Davis
Identifying neurobiological markers of the broader autism phenotype	$0	Q1.L.B	University of Melbourne
Identifying therapeutic targets for autism using Shank3-deficient mice	$484,667	Q4.S.B	Mount Sinai School of Medicine
Identifying therapeutic targets for autism using Shank3-deficient mice (supplement)	$121,077	Q4.S.B	Mount Sinai School of Medicine
Imaging PTEN-induced changes in adult cortical structure and function in vivo	$300,156	Q2.Other	University of California, Los Angeles
Imaging signal transduction in single dendritic spines	$382,200	Q2.Other	Duke University
Impact of SynGAP1 mutations on synapse maturation and cognitive development	$789,981	Q2.Other	The Scripps Research Institute - Florida
Impacts and State utilization of HCBS waiver services for families and children with autism	$200,000	Q5.Other	Towson University

Project Title	Funding	Strategic Plan Objective	Institution
Impairments of theory of mind disrupt patterns of brain activity	$321,000	Q2.Other	Massachusetts Institute of Technology
Improved early identification of autism in Latino children	$297,752	Q5.L.A	Georgetown University
Improving social-communication, literacy, and adaptive behaviors for young children with autism spectrum disorders	$745,000	Q4.L.D	University of Kansas
Improving speech-language pathology services to dhildren with severe disabilities through pre-professional and professional training	$0	Q5.Other	Western Carolina University
Improving synchronization and functional connectivity in autism spectrum disorders through plasticity-induced rehabilitation training	$0	Q4.S.F	University of California, San Diego
Infants' developing representation of object function	$0	Q2.Other	University of California, Davis
Infants at risk of autism: A longitudinal study	$587,150	Q1.L.A	University of California, Davis
Influence of attention and arousal on sensory abnormalities in ASD	$232,500	Q2.Other	University of California, San Diego
Inhibitory mechanisms for sensory map plasticity in cerebral cortex	$328,644	Q2.Other	University of California, Berkeley
Innovative Adaptation & Dissemination of CER Products: Autism (iADAPT-ASD)	$0	Q5.L.A	University of Southern California
Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome	$290,087	Q4.S.B	University of California, San Francisco
INT2-Large: Collaborative research: Developing social robots	$0	Q1.Other	University of California, San Diego
INT2-Large: Collaborative research: Developing social robots	$0	Q1.Other	University of Miami
Integrative functions of the planum temporale	$440,810	Q2.Other	University of California, Irvine
Integrative functions of the planum temporale (supplement)	$34,768	Q2.Other	University of California, Irvine
Intelligent data capture and assessment technology for developmental disabilities	$744,906	Q1.S.B	Caring Technologies, Inc.
Interdisciplinary training for autism researchers	$353,885	Q7.K	University of California, Davis
Intersensory perception of social events: Typical and atypical development	$134,355	Q1.L.C	Florida International University
Intranasal oxytocin for the treatment of children and adolescents with autism spectrum disorders (ASD)	$0	Q4.S.C	Holland Bloorview Kids Rehabilitation Hospital
Investigating brain connectivity in autism at the whole-brain level	$88,508	Q2.Other	California Institute of Technology
Investigating brain connectivity in autism at the whole-brain level	$249,001	Q2.Other	Indiana University
Investigating the homeostatic role of MeCP2 in mature brain	$35,832	Q2.S.D	Baylor College of Medicine

Project Title	Funding	Strategic Plan Objective	Institution
Investigating the role of CNTNAP2 gene in vocal learning in mutant songbirds	$249,063	Q4.S.B	University of Massachusetts Medical School
Investigation of DUF1220 domains in human brain function and disease	$376,668	Q3.L.B	University of Colorado Denver
Investigation of protocadherin-10 in MEF2- and FMRP-mediated synapse elimination	$53,942	Q2.S.D	University of Texas Southwestern Medical Center
Investigation of sex differences associated with autism candidate gene, Cyfip1	$32,413	Q2.S.B	University of California, Los Angeles
In vivo function of neuronal activity-induced MeCP2 phosphorylation	$292,721	Q3.S.J	University of Wisconsin - Madison
In vivo targeted gene silencing, a novel method	$192,500	Q2.Other	Indiana University-Purdue University Indianapolis
iPrompt to improve teaching students with ASD	$305,814	Q4.L.D	HandHold Adaptive, LLC
iSKILLS : The audio/video guidance repository for life skills	$398,120	Q4.L.D	University of Georgia
Joint attention mediated learning intervention for toddlers with autism spectrum disorders and their families	$879,424	Q4.S.D	Indiana University
Kansas University: Autism and Early Childhood Education Professionals (KU-ACE)	$200,000	Q5.Other	University of Kansas Medical Center Research Institute, Inc.
Kinetics of drug macromolecule complex formation	$712,921	Q2.Other	University of California, San Diego
KSU student chapter of the IEEE EMBS as a focal point for senior design projects to aid children with disabilities	$0	Q5.Other	Kansas State University
Language development and outcome in children with autism	$397,425	Q1.L.C	University of Connecticut
Language development in fragile X syndrome	$584,381	Q2.S.D	University of California, Davis
Leadership Education in Neurodevelopmental Disabilities	$2,500	Q1.S.B	University of Alabama at Birmingham
Leadership Education in Neurodevelopmental Disabilities	$26,000	Q4.Other	University of Pennsylvania
Leadership Education in Neurodevelopmental Disabilities	$3,392	Q5.L.A	University of Arizona
Leadership Education in Neurodevelopmental Disabilities	$5,500	Q5.L.C	University of Alaska, Anchorage
Leadership Education in Neurodevelopmental Disabilities	$5,484	Q5.L.C	University of Minnesota
Leadership Education in Neurodevelopmental Disabilities	$6,000	Q5.L.C	University of Tennessee Health Science Center
Leadership Education in Neurodevelopmental Disabilities	$3,300	Q5.L.C	University of Oklahoma
Leadership in Family-Centered Early Intervention (LIFE) personnel preparation program	$0	Q5.Other	Florida State University

Project Title	Funding	Strategic Plan Objective	Institution
Leadership training in high-need students with severe disabilities/autism	$279,803	Q7.K	Vanderbilt University
Leadership training in severe disabilities/autism	$0	Q7.K	Vanderbilt University
Leading Excellence for Academic Positions in Special Education (LEAPS)	$244,305	Q7.K	The Regents Of The University Of California -- Graduate School Of Education - Graduate School Of Education
LEAP–USA follow-up project	$399,864	Q4.S.D	University of Colorado Denver
Learning and plasticity in the human brain	$351,533	Q2.Other	National Institutes of Health
Learn the signs. Act early. - Improving early identification of ASDs through improved parental awareness of developmental milestones	$2,462,795	Q5.L.A	Centers for Disease Control and Prevention (CDC)
Linking local activity and functional connectivity in autism	$370,304	Q2.Other	San Diego State University
Linking local activity and functional connectivity in autism (supplement)	$92,508	Q2.Other	San Diego State University
Live Interactive Broadcast Equalizing Rural Access to Teacher Education (LIBERATE) - Training personnel to serve school-age children with low incidence disabilities	$297,000	Q5.L.A	University of Utah
Locus-specific imprinting on the mammalian X chromosome	$327,994	Q3.S.J	University of Connecticut
Longitudinal characterization of functional connectivity in autism	$182,352	Q2.L.A	University of Utah
Longitudinal MRI study of brain development in fragile X	$901,844	Q2.S.D	Stanford University
Longitudinal studies of autism spectrum disorders: 2 to 23	$426,762	Q6.L.B	Weill Cornell Medical College
Low Incidence and Diversity Endorsement Project (LIDE)	$292,963	Q5.L.C	University of Colorado Board of Regents
LSS postdoctoral fellowship: Autism, social science and law	$200,000	Q6.Other	University of Utah
L-type calcium channel regulation of neuronal differentiation	$33,002	Q2.S.D	Stanford University
M.Ed. in autism spectrum disorders (ASDs) for teachers in the Department of Defense Dependent Schools (DoDDS)	$200,000	Q5.Other	University of Maryland, College Park
Magnetoencephalographic studies of lexical processing and abstraction in autism	$321,156	Q2.Other	University of Pennsylvania
Maternal cholesterol and autism	$0	Q3.S.H	Oregon Health & Science University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	$0	Q3.L.C	Harvard University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	$0	Q3.L.C	Harvard University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	$0	Q3.L.C	Massachusetts General Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Mathematical cognition in autism: A cognitive and systems neuroscience approach	$652,461	Q2.Other	Stanford University
Measuring social networks among parents and autism heath care providers	$234,000	Q5.Other	University of Chicago
Mechanism of UBE3A imprint in neurodevelopment	$34,439	Q2.S.D	University of California, Davis
Mechanisms of mGluR5 function and dysfunction in mouse autism models	$406,760	Q2.S.D	University of Texas Southwestern Medical Center
Mechanisms of mitochondrial dysfunction in autism	$0	Q2.S.A	Georgia State University
Mechanisms of motor skill learning in the fragile X mouse model	$308,138	Q2.S.D	University of Nebraska Medical Center
Mechanisms of stress-enhanced aversive conditioning	$381,250	Q4.S.B	Northwestern University
Mechanisms of synaptic alterations in a neuroinflammation model of autism	$579,882	Q2.S.A	University of Nebraska Medical Center
Mechanisms of valproic acid-induced neurodevelopmental and behavioral defects	$318,513	Q3.S.J	University of Maryland, Baltimore
MeCP2 modulation of BDNF signaling: Shared mechanisms of Rett and autism	$314,059	Q2.S.D	University of Alabama at Birmingham
Metabolic signature of antipsychotics used in the treatment of autism	$0	Q4.L.C	University of Cincinnati
Metacognition in comparative perspective	$210,561	Q2.Other	University at Buffalo, The State University of New York
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	$346,406	Q3.S.J	University of California, Davis
Metropolitan Atlanta Developmental Disabilities Surveillance Program/Autism and Developmental Disabilities Monitoring (ADDM) network - Georgia	$1,149,236	Q7.I	Centers for Disease Control and Prevention (CDC)
Met signaling in neural development and circuitry formation	$249,000	Q2.Other	University of Arizona
MicroRNAs in synaptic plasticity and behaviors relevant to autism	$131,220	Q2.S.D	Massachusetts General Hospital
Modeling 5-HT-absorbing neurons in neuropathology of autism	$250,500	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Modeling gut microbial ecology and metabolism in autism using an innovative ex vivo approach	$122,626	Q3.S.I	University of Guelph
Modeling the serotonin contribution to autism spectrum disorders	$236,532	Q4.S.B	Vanderbilt University Medical Center
Modulation of fxr1 splicing as a treatment strategy for autism in fragile X syndrome	$0	Q2.S.D	Stanford University
Modulation of RhoA signaling by the mRNA binding protein hnRNPQ1	$30,912	Q2.Other	Emory University
Molecular analysis of bipolar and schizophrenia candidate genes	$415,000	Q3.S.J	Albert Einstein College of Medicine of Yeshiva University

Project Title	Funding	Strategic Plan Objective	Institution
Molecular components of A-type K+ channels	$363,366	Q2.S.E	New York University School of Medicine
Molecular controls over callosal projection neuron subtype specification and diversity	$42,232	Q2.Other	Harvard University
Molecular dissection of calmodulin domain functions	$321,473	Q2.Other	University of Iowa
Molecular mechanisms linking early life seizures, autism and intellectual disability	$333,473	Q2.S.E	University of Colorado Denver
Molecular mechanisms of the synaptic organizer alpha-neurexin	$383,267	Q2.Other	University of Michigan
Monolingual and bilingual infants' sensitivity to agreement morphology in Spanish	$144,100	Q2.Other	Florida International University
Morphogenesis and function of the cerebral cortex	$409,613	Q2.Other	Yale University
Motor control and cerebellar maturation in autism	$157,148	Q2.Other	University of Texas Southwestern Medical Center
Motor skill learning in autism	$395,908	Q2.Other	Kennedy Krieger Institute
MTHFR functional polymorphism C677T and genomic instability in the etiology of idiopathic autism in simplex families	$0	Q2.Other	Queen's University
Multimedia tool for psychology graduate student ASD assessment training	$447,062	Q1.S.A	Virtual Reality Aids, Inc.
Multimodal brain imaging in autism spectrum disorders	$167,832	Q2.Other	University of Washington
Multimodal imaging of social brain networks in ASD	$150,036	Q2.Other	San Diego State University
Multimodal studies of executive function deficits in autism spectrum disorders	$54,570	Q2.Other	Massachusetts General Hospital
Multiple systems in theory of mind development	$0	Q2.Other	Rutgers, The State University of New Jersey - New Brunswick
Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism	$0	Q1.L.A	Centers for Disease Control and Prevention (CDC)
Multisensory integration in children with ASD	$192,136	Q2.Other	University of California, Davis
National Center on Inclusive Education for Children with Autism Spectrum Disorders and Related Disabilities	$0	Q5.L.C	University of New Hampshire - Institute on Disability/University Center for Excellence on Disability (UCED)
National Database on Autism Research	$900,000	Q7.H	Center for Information Technology
National Resource and Information Center on Autism Spectrum Disorder and other Developmental Disabilities	$350,000	Q5.Other	The Arc of the United States
Neocortical mechanisms of categorical speech perception	$239,255	Q2.Other	University of California, San Francisco
Neonatal biomarkers in extremely preterm babies predict childhood brain disorders	$3,478,718	Q3.S.H	Boston Medical Center
Networked cortical responses to movement associated with ASD	$449,700	Q2.Other	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Neural basis of behavioral flexibility	$360,214	Q2.Other	Mount Sinai School of Medicine
Neural basis of cross-modal influences on perception	$158,282	Q2.Other	University of California, San Diego
Neural basis of empathy and its dysfunction in autism spectrum disorders (ASD)	$0	Q2.Other	Duke University
Neural correlates of restricted, repetitive behaviors in autism spectrum disorders	$0	Q2.S.G	Massachusetts General Hospital
Neural correlates of restricted, repetitive behaviors in autism spectrum disorders	$0	Q2.S.G	Massachusetts General Hospital
Neural economics of biological substrates of valuation	$379,913	Q1.L.C	Virginia Polytechnic Institute and State University
Neural mechanisms of imitative behavior: Implications for mental health	$33,128	Q2.Other	University of California, Los Angeles
Neural mechanisms of tactile sensation in rodent somatosensory cortex	$255,940	Q2.Other	University of California, Berkeley
Neural predictors of language function after intervention in children with autism	$181,332	Q1.L.B	University of California, Los Angeles
Neural synchronydysfunction of gamma oscillations in autism	$265,073	Q2.Other	University of Colorado Denver
Neural synchronydysfunction of gamma oscillations in autism (supplement)	$100,386	Q2.Other	University of Colorado Denver
Neurobehavioral investigation of tactile features in autism spectrum disorders	$162,666	Q2.Other	Vanderbilt University Medical Center
Neurobehavioral research on infants at risk for SLI and autism	$944,962	Q1.L.A	Boston University
Neurobiological correlates of language dysfunction in autism spectrum disorders	$535,052	Q2.Other	The Mind Research Network
Neurobiological mechanism of 15q11-13 duplication autism spectrum disorder	$380,625	Q2.S.D	Beth Israel Deaconess Medical Center
Neurobiological signatures of audiovisual speech perception in children in ASD	$217,886	Q2.Other	Haskins Laboratories, Inc.
Neurobiological signatures of social dysfunction and repetitive behavior	$395,672	Q4.S.B	Vanderbilt University Medical Center
Neuroendocrine regulation of metabolism and neurocognition	$402,805	Q2.S.E	National Institutes of Health
Neuroimaging of top-down control and bottom-up processes in childhood ASD	$387,066	Q2.Other	Georgetown University
Neuroimaging of top-down control and bottom-up processes in childhood ASD (supplement)	$111,600	Q2.Other	Georgetown University
Neuroimmunologic investigations of autism spectrum disorders (ASD)	$101,877	Q2.S.F	National Institutes of Health
Neuroligin function in vivo: Implications for autism and mental retardation	$388,575	Q4.S.B	University of Texas Southwestern Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Neuronal basis of vicarious reinforcement dysfunction in autism spectrum disorder	$310,081	Q2.Other	Duke University
New approaches to local translation: SpaceSTAMP of proteins synthesized in axons	$419,095	Q2.S.D	Dana-Farber Cancer Institute
New experimental medicine studies: Fast-Fail Trials in autism spectrum disorders	$115,889	Q4.L.A	University of California, Los Angeles
Next generation gene discovery in familial autism	$688,392	Q3.L.B	University of Washington
NIMH IAN with the National Database for Autism Research program	$314,266	Q7.H	National Institutes of Health
NM-PASS (New Mexico-Preparing Autism Spectrum Specialists)	$299,818	Q5.L.C	Board of Regents of New Mexico State University
Novel candidate mechanisms of fragile X syndrome	$92,448	Q2.S.D	Yale University
Novel computational methods for higher order diffusion MRI in autism	$725,545	Q2.Other	University of Pennsylvania
Novel genetic models of autism	$337,875	Q4.S.B	University of Texas Southwestern Medical Center
Novel genetic models of autism (supplement)	$99,773	Q4.S.B	University of Texas Southwestern Medical Center
Novel metabolic biomarker for autism spectrum disorder	$148,327	Q1.S.E	Greenwood Genetic Center
Novel probiotic therapies for autism	$0	Q4.S.B	California Institute of Technology
Novel regulatory network involving non-coding role of an ASD candidate gene PTEN	$208,750	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Novel statistical methods for DNA sequencing data, and applications to autism	$339,743	Q3.L.B	Columbia University
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	$0	Q4.S.B	University of Texas Health Science Center at San Antonio
OCT blockade to restore sociability in 5-HT transporter knock-out mice	$74,250	Q4.S.B	University of Texas Health Science Center at San Antonio
Office of the Scientific Director	$11,422,709	Q7.Other	National Institutes of Health
Olfactory abnormalities in the modeling of Rett syndrome	$351,575	Q2.S.D	Johns Hopkins University
Omnitec Solution for the NIMH National Database for Autism Research	$2,204,000	Q7.H	National Institutes of Health
Online training program for parents of children with autism spectrum disorder	$252,339	Q5.L.A	Iris Media, Inc.
Optimization of fidelity procedures for pivotal response training in autism	$250,621	Q5.L.A	Children's Hospital Research Center
Optimizing initial communication for children with autism	$348,461	Q4.S.G	University of Massachusetts Medical School
Oxytocin receptors and social behavior	$440,363	Q4.S.B	Emory University
PA Community on Transition: Achieving outcomes through a shared agenda	$0	Q6.L.A	Pennsylvania Office of Vocational Rehabilitation - Department of Labor & Industry

Project Title	Funding	Strategic Plan Objective	Institution
Parent-based sleep education program for children with autism spectrum disorders	$0	Q4.Other	Vanderbilt University
Parent-implemented social-pragmatic communication intervention for young children with developmental disabilities	$0	Q4.L.D	Illinois State University
Parent implemented training for autism through teleconsultation (PITA-T)	$296,267	Q5.L.A	West Virginia University
Parenting your young child with autism: A web-based tutorial	$443,005	Q5.L.A	Center for Psychological Consultation
Partnering with autistic adults to develop tools to improve primary healthcare	$300,938	Q6.L.A	Oregon Health & Science University
Pathophysiology of MECP2 spectrum disorders (Career Development Award Proposal)	$179,981	Q2.S.D	Baylor College of Medicine
Patient iPS cells with copy number variations to model neuropsychiatric disorders	$336,050	Q4.S.B	The Hospital for Sick Children
PEAT communication scheduler for autism	$150,000	Q4.S.G	Attention Control Systems, Inc.
Pediatric brain imaging	$2,419,583	Q2.L.A	National Institutes of Health
Peer support and peer network interventions to improve peer relationships and school engagement	$641,771	Q4.L.D	Vanderbilt University
Penn State AAC Leadership Project: Preparing faculty in AAC research & personnel preparation to improve services & results for high-need children with severe communication disorders	$249,958	Q5.L.C	Pennsylvania State University-University Park
Penn State Children's Communicative Competence Project	$249,996	Q5.Other	Pennsylvania State University-University Park
Perception of social and physical contingencies in infants with ASD	$312,944	Q1.L.B	Emory University
Personnel development to improve services and results for children with disabilities	$299,999	Q5.L.C	San Diego State University Foundation
Personnel preparation for serving children with low incidence disabilties	$0	Q5.Other	University of Vermont and State Agricultural College
Personnel preparation program in low incidence severe disabilities	$241,543	Q5.L.C	University Of North Carolina at Charlotte
Personnel to serve students with autism and significant cognitive disabilities	$0	Q5.Other	Pace University
Pharmacotherapy of pervasive developmental disorders	$182,830	Q4.L.C	Indiana University-Purdue University Indianapolis
Phase 2: Animated Visual Support for Social Support (AViSSS); An interactive virtual experience for social skill development	$299,411	Q4.Other	University Of Kansas Center For Research, Inc. -- Sped - Special Education Educ Education Administration - Sped - Special Education Educ Education Administration
Phase II. Digital interactive scene program for language in autism (DISPL-A)	$236,912	Q4.S.G	Monarch Teaching Technology, Inc.

Project Title	Funding	Strategic Plan Objective	Institution
Physiology of attention and regulation in children with ASD and LD	$341,013	Q2.Other	Seattle Children's Hospital
Pivotal response treatment for infants at risk for ASD: A pilot intervention	$83,000	Q4.L.B	Yale University
Placental vascular tree as biomarker of autism/ASD risk	$0	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
Pleiotropic roles of dyslexia genes in neurodevelopmental language impairments	$42,232	Q2.S.D	Yale University
Pocket Potty Program - Toilet training for children with developmental disabilities	$74,730	Q4.Other	The Sandbox Learning Company
Population-based autism genetics & environment study	$723,934	Q3.L.D	Mount Sinai School of Medicine
Population genetics to improve homozygosity mapping and mapping in admixed groups	$52,190	Q3.L.B	Harvard Medical School
Postdoctoral Research Training Fellowships in Early Intervention and Early Learning in Special Education at the University of Florida	$164,760	Q7.K	University of Florida
Post-doctoral special education research training in urban communities: A research to practice model	$163,599	Q7.K	University of Kansas
Post-doctoral training in special education research	$155,777	Q7.K	University of North Carolina at Chapel Hill
Pragmatics and semantics in autism spectrum disorder	$29,155	Q2.Other	City University of New York Graduate School and University Center
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	Q4.S.B	University of North Carolina at Chapel Hill
Predicting phenotypic trajectories in Prader-Willi syndrome	$310,752	Q2.S.D	Vanderbilt University Medical Center
Predicting useful speech in children with autism	$726,467	Q1.L.B	Vanderbilt University Medical Center
Predictors of effects of propranolol on language & connectivity in autism	$192,150	Q4.S.F	University of Missouri
Predictors of success in postsecondary STEM education and employment for students with autism	$217,996	Q6.S.A	SRI International
Prenatal and neonatal biologic markers for autism	$609,792	Q3.S.C	Kaiser Foundation Research Institute
Prenatal and neonatal biologic markers for autism (supplement)	$129,464	Q3.S.C	Kaiser Foundation Research Institute
Prenatal antidepressants and autism spectrum disorder	$153,000	Q3.L.C	Cincinnati Children's Hospital Medical Center
Preparation for transition and secondary teachers of students with low-incidence disabilities	$0	Q6.S.D	Kent State University
Preparation of leaders across the lifespan for autism	$250,000	Q7.K	Texas A&M University

Project Title	Funding	Strategic Plan Objective	Institution
Preparation of leadership personnel to serve infants, toddlers, children, and youth with autism	$0	Q7.K	Florida State University
Preparation of occupational therapists and physical therapists for service provision in early intervention and related services	$0	Q5.Other	University of Oklahoma
Preparation of personnel to serve school age children with low incidence disabilities: Focus on high quality instruction in core academic area in the least restrictive environment	$0	Q5.L.C	University of New Hampshire
Preparing and supporting personnel in Western North Carolina to teach students with severe disabilities	$200,000	Q5.L.C	Western Carolina University
Preparing early childhood special educators, occupational therapists, and speech-language pathologists for working with young children with autism and their families	$0	Q5.Other	University of North Carolina at Chapel Hill
Preparing personnel for intervention with young children with autism	$200,000	Q5.Other	Vanderbilt University
Preparing school psychologists to work with children with autism using evidence-based practices	$0	Q5.Other	University of Utah
Preparing SLPs, OTs, early childhood special educators, and developmental psychologists for leadership roles in teaching, research, and service focused on young children with autism and their families	$0	Q7.K	University of North Carolina at Chapel Hill
Preparing special educators in autism spectrum disorders	$300,000	Q5.Other	University of Central Florida
Preparing special educators to be leaders in the implementation of effective techniques for supporting children and youth with autism spectrum disorders	$0	Q5.Other	Santa Clara University
Preparing special educators to work with children and youth with autism	$200,000	Q5.Other	University of Oregon
Preparing teachers to teach children with autism & developmental disabilities	$199,989	Q5.Other	Bank Street College of Education
Preparing tomorrow's school psychology faculty to meet the needs of children with disabilities using evidence-based practices	$0	Q5.Other	University of Utah
Preschool reading and language interventions for children with autism	$299,795	Q4.L.D	University of Washington
Presynaptic regulation of quantal size by the cation/H+ exchangers NHE6 & NHE9	$33,932	Q2.Other	University of California, Berkeley
Project 1: Effect of multi-level environmental exposure on birth outcomes	$23,798	Q3.S.C	University of California, Berkeley
Project 2: Immunological susceptibility of autism (supplement)	$30,784	Q2.S.A	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Project ABeLL: Preparing early childhood special educators to support young children with autism or disabilities in behavior, language and/or literacy	$250,000	Q5.Other	University Of Missouri Board of Curators
Project Adapted PE	$0	Q5.L.C	University of Utah
Project ASSET: Autism Spectrum Specialized Education and Training (ASSET)	$200,000	Q5.L.C	Florida State University
Project CAT (Comprehensive Autism Teaching)	$0	Q5.L.C	Touro University
Project CHANGE (Children with Autsim Need a Great Education)	$199,960	Q5.Other	University of Texas at El Paso
Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings	$248,180	Q5.L.C	San Francisco State University
Project Connect: Connecting school districts with highly qualified teachers in low-incidence disabilities	$0	Q5.Other	University of Nevada
Project DART: Distance Education for Autism Personnel in Rural Texas	$0	Q5.L.A	University of North Texas
Project DATA: A multisite evaluation of a school-based model for preschoolers with autism	$650,000	Q4.S.D	University of Oklahoma
Project DATA (Developmentally Appropriate Treatment for Autism) for teachers: Preparing teachers for toddlers and preschoolers with autism spectrum disorder	$0	Q5.Other	University of Washington
Project I-CARE: Culturally Aligned and Responsive Early Intervention.	$250,000	Q5.L.C	Queen's College (City University of New York)
Project IMPRESS - Interactive Master's: Preparing, Responding, Enhancing School-based Speech-Language Pathologists	$199,845	Q5.L.C	Bloomsburg University of Pennsylvania
Project iTAPE: Improve Training in Adapted Physical Education	$238,204	Q5.Other	University of Utah
Project Manawa Kupono (Opportunity): Preparing educators to improve outcomes for students with autism	$0	Q5.L.C	University of Hawaii
Project PEACE (Preparing Educators About Autism Through Collaborative Efforts)	$199,997	Q5.L.C	Florida International University
Project PREPARE: Preparing Rigorous and Effective Professionals as Autism Researchers and Educators	$249,991	Q5.Other	Florida International University
Project S.A.G.E. Successfully Accessing General Education	$199,949	Q5.Other	University of South Florida
Project SASI: Students with Autism & Sensory Impairments - Addressing the personnel shortages of rural, remote and high-need areas	$249,999	Q5.Other	Texas Tech University
Project SCIPP (Significant Cognitive Disabilities Personnel Preparation - A Multi-University Consortium)	$0	Q5.L.A	University of Florida

Project Title	Funding	Strategic Plan Objective	Institution
Project STARS: Specialized Training in Autism for Rural Schools	$0	Q5.L.A	West Virginia University Research Corporation
Project STARS: Systematic Training for Autism Researchers and School Personnel	$0	Q7.K	University of North Texas
Project Surfboard: Sustaining Practicies by Specialists on Autism Spectrum Disorder	$249,999	Q5.Other	San Diego State University
Prostaglandins and cerebellum development	$371,250	Q2.S.A	University of Maryland, Baltimore
Psychobiological investigation of the socioemotional functioning in autism	$347,490	Q2.Other	Vanderbilt University Medical Center
Rapid characterization of balanced genomic rearrangements contributing to autism	$53,942	Q3.L.B	Massachusetts General Hospital
Rapid phenotyping for rare variant discovery in autism	$700,956	Q3.S.A	University of California, Los Angeles
Reach to Teach: Serving infants, toddlers, and young children with autism spectrum disorders and developmental disabilities	$234,849	Q5.Other	University of Texas of the Permian Basin
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	$0	Q1.L.C	Johns Hopkins University
Recruiting and preparing highly qualified special educators	$0	Q5.Other	University of Central Florida
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	$0	Q2.S.A	University of Rochester
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	$0	Q2.S.A	Arkansas Children's Hospital Research Institute
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	$0	Q2.S.A	State University of New York at Potsdam
Reducing barriers to autism care in Latino children	$179,521	Q1.S.C	Oregon Health & Science University
Reducing obesity risk in children with developmental disabilities	$29,999	Q5.L.D	Temple University
Regulation of 22q11 genes in embroyonic and adult forebrain	$308,631	Q2.S.D	George Washington University
Regulation of 22q11 genes in embroyonic and adult forebrain (supplement)	$24,262	Q2.S.D	George Washington University
Regulation of spine morphogenesis by NrCAM	$185,000	Q2.Other	University of North Carolina at Chapel Hill
Related services intervention for expressive and receptive language skills in autism spectrum disorder and in cognitive impairment	$0	Q4.L.D	Vanderbilt University
Restricted repetitive behavior in autism	$416,315	Q1.L.B	University of North Carolina at Chapel Hill
Revealing protein synthesis defects in fragile X syndrome with new chemical tools	$340,520	Q2.S.D	Stanford University
RI: Small: Addressing visual analogy problems on the raven's intelligence test	$284,454	Q2.Other	Georgia Tech Research Corporation

Project Title	Funding	Strategic Plan Objective	Institution
Risk and resiliency for youth with autism during the transition to adulthood	$142,194	Q6.S.A	Vanderbilt University Medical Center
Risk factors, comorbid conditions, and epidemiology of autism in children	$0	Q3.S.H	Henry M. Jackson Foundation
RNA expression patterns in autism	$710,306	Q3.L.B	Boston Children's Hospital
Robot child interactions as an intervention tool for children with autism	$341,773	Q4.Other	University of Connecticut
Robot child interactions as an intervention tool for children with autism (supplement)	$35,325	Q7.H	University of Connecticut
Role of autism-susceptibility gene, CNTNAP2, in neural circuitry for vocal communication	$0	Q2.Other	University of California, Los Angeles
Role of GluK6 in cerebella circuitry development	$58,442	Q2.Other	Yale University
Role of neuronal migration genes in synaptogenesis and plasticity	$52,190	Q2.Other	Weill Cornell Medical College
Role of Sema7A in functional organization of neocortex	$423,750	Q2.S.D	Mount Sinai School of Medicine
Roles of oxytocin and vasopressin in brain	$1,990,068	Q4.S.B	National Institutes of Health
SBIR Phase I: A consumer robot designed to help children with autism spectrum disorders practice critical social skills	$146,639	Q4.Other	Interbots LLC
SEDL’s vocational rehabilitation service models for individuals with autism spectrum disorders	$350,000	Q6.S.B	Southwest Educational Development Corporation
Selective disruption of hippocampal dentate granule cells in autism: Impact of PT	$411,292	Q2.S.E	Cincinnati Children's Hospital Medical Center
Selective disruption of hippocampal dentate granule cells in autism: Impact of PT (supplement)	$14,596	Q2.S.E	Cincinnati Children's Hospital Medical Center
Self-injurious behavior: An animal model of an autism endophenotype	$0	Q2.Other	University of Florida
Self-regulation and sleep in children at risk for autism spectrum disorders	$87,899	Q2.S.E	University of California, Davis
Semaphorin4D and PlexinB1 mediate GABAergic synapse development in mammalian CNS	$27,814	Q2.Other	Brandeis University
Sensitive periods in cerebellar development	$32,941	Q2.S.A	University of Maryland, Baltimore
Sensor-based technology in the study of motor skills in infants at risk for ASD	$191,070	Q1.L.A	University of Pittsburgh
Sensory adapted dental environments to enhance oral care for children with autism	$296,952	Q5.L.E	University of Southern California
Sensory based CNS diagnostics for the clinic	$181,885	Q1.S.B	University of North Carolina at Chapel Hill
Sensory experiences in children with autism	$472,116	Q1.Other	University of North Carolina at Chapel Hill
Sensory experiences in children with autism (supplement)	$51,920	Q1.Other	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Sensory integration and language processing in autism	$149,556	Q1.L.C	University of Rochester
Sensory mechanisms and self-injury	$447,738	Q2.S.E	University of Minnesota
Sensory processing and integration in autism	$548,158	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Serotonin, autism, and investigating cell types for CNS disorders	$246,794	Q4.S.B	Washington University in St. Louis
Serotonin signal transduction in two groups of autistic patients	$0	Q2.Other	University of Illinois at Chicago
Serum antibody biomarkers for ASD	$0	Q1.L.A	University of Texas Southwestern Medical Center
Service transitions among youth with autism spectrum disorders	$212,584	Q6.L.B	Washington University in St. Louis
Sex differences in early brain development; Brain development in Turner syndrome	$155,873	Q2.S.D	University of North Carolina at Chapel Hill
Shank3 in synaptic function and autism	$401,250	Q2.Other	Massachusetts Institute of Technology
SHB: Type II (INT): Synthesizing self-model and mirror feedback imageries with applications to behavior modeling for children with autism	$798,912	Q2.Other	University of Kentucky Research Foundation
Social-affective bases of word learning in fragile X syndrome and autism	$703,969	Q1.Other	University of California, Davis
Social and affective components of communication	$317,715	Q2.Other	Salk Institute For Biological Studies
Social and statistical mechanisms of prelinguistic vocal development	$0	Q1.Other	Cornell University
Social brain networks for the detection of agents and intentions	$414,688	Q2.Other	Yale University
Social communication and symbolic play intervention for preschoolers with autism	$0	Q4.L.D	University of North Carolina at Chapel Hill
Social-emotional development of infants at risk for autism spectrum disorders	$662,677	Q1.L.B	University of Washington
Social-emotional development of infants at risk for autism spectrum disorders (supplement)	$39,002	Q1.L.B	University of Washington
Social evaluation in infants and toddlers	$409,613	Q1.L.B	Yale University
Software to enrich the noun lexicons and lexical learning of children with autism	$756,189	Q4.L.D	Laureate Learning Systems, Inc.
SOTELCO in classroom settings	$0	Q5.L.A	University of Kansas Medical Center Research Institute, Inc.
Southern Connecticut State University Center for Excellence on Autism Spectrum Disorders	$0	Q5.L.C	Southern Connecticut State University
Special educator preparation in autism spectrum disorders	$0	Q5.Other	University of Central Florida
State of the states in services and supports for persons with autism spectrum disorder.	$0	Q7.B	Centers for Medicare & Medicaid Services (CMS)

Project Title	Funding	Strategic Plan Objective	Institution
Statistical analysis of biomedical imaging data in curved space	$326,528	Q2.Other	University of North Carolina at Chapel Hill
Statistical word learning and non-social visual attention in children with autism	$33,148	Q2.Other	University of Wisconsin - Madison
Striatal synaptic abnormalities in models of autism	$397,396	Q4.S.B	University of Texas Southwestern Medical Center
Structural and functional connectivity of large-scale brain networks in autism	$168,978	Q2.Other	Stanford University
Structural and functional neuroimaging of the auditory system in autism	$157,905	Q2.Other	Children's Hospital of Philadelphia
Studies of genetic and metabolic disorders, autism and premature aging	$1,667,480	Q4.S.B	National Institutes of Health
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up approach	$272,164	Q1.L.A	University of California, San Diego
Studying the impact of service-learning on career development, self-determination, and social skill building for youth with autism spectrum disorders	$300,000	Q6.S.A	University of Massachusetts, Boston
Study of fragile X mental retardation protein in synaptic function and plasticity	$317,077	Q2.S.D	University of Texas Southwestern Medical Center
Subtyping of toddlers with ASD based on patterns of social attention deficits	$665,455	Q1.L.B	Yale University
Successful transition in the early school years for children with autism	$396,871	Q5.Other	University of California, Riverside
Superheroes Social Skills Training, Rethink Autism Internet Interventions, Parent Training, EBP Classroom Training, Functional Behavior Assessment	$245,453	Q5.Other	Unversity of Utah
Sustainable implementation of family-centered transition planning for young adults with autism spectrum disorders	$200,000	Q5.L.A	University of New Hampshire
Sustaining evidence-based practice for young learners with autism spectrum disorders through a M.A. degree program	$0	Q5.Other	San Diego State University
Synaptic phenotype, development, and plasticity in the fragile X mouse	$395,134	Q2.S.D	University of Illinois at Urbana Champaign
Synaptic processing in the basal ganglia	$377,815	Q2.Other	University of Washington
Synchronous activity in networks of electrically coupled cortical interneurons	$0	Q2.Other	University of California, Davis
Systematic characterization of the immune response to gluten and casein in autism spectrum disorders	$0	Q2.S.A	Weill Cornell Medical College
Tactile Awareness Prompting (TAP) System	$74,839	Q4.L.D	Engineering Acoustics, Inc.
Tailored behavioral intervention for insomnia in children with autism spectrum disorders	$159,975	Q4.S.H	University of Pennsylvania

Project Title	Funding	Strategic Plan Objective	Institution
Taste, smell, and feeding behavior in autism: A quantitative traits study	$570,508	Q2.Other	University of Rochester
Teaching skills to toddlers: A program for caregivers	$227,719	Q5.L.A	University of Connecticut
Tennessee state personnel development grant	$492,630	Q5.Other	Tennessee Department of Education
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	$315,375	Q4.S.B	University of California, San Francisco
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	$377,663	Q4.S.B	Salk Institute for Biological Studies
Testing the hyperspecificity hypothesis: A neural theory of autism	$247,018	Q2.Other	Children's Hospital of Philadelphia
Test of integrated language and literacy skills validation research	$496,164	Q1.Other	Western Michigan University
Texas Educators for Students with Autism (TESA)	$173,295	Q5.Other	Texas State University-San Marcos
The Charge Study: Childhood Autism Risks from Genetics and the Environment (supplement)	$188,012	Q3.S.C	University of California, Davis
The cognitive neuroscience of autism spectrum disorders	$1,074,095	Q2.Other	National Institutes of Health
The computational basis of theory of mind in the human brain	$103,965	Q2.Other	California Institute of Technology
The development of joint attention after infancy	$291,832	Q1.L.C	Georgia State University
The effects of a bicycle training intervention on health, physical activity, sleep, and community participation in youth with Down syndrome and autism spectrum disorders	$0	Q5.L.D	University of Michigan
The effects of autism on the sign language development of deaf children	$59,419	Q2.Other	Boston University
The effects of autism on the sign language development of deaf children (supplement)	$1,188	Q2.Other	Boston University
The effects of State and Federal insurance policies on quality of care for autism	$450,534	Q5.S.A	Pennsylvania State University
The functional link between DISC1 and neuroligins: Two genetic factors in the etiology of autism	$0	Q2.S.D	Children's Memorial Hospital, Chicago
The genetic and neuroanatomical origin of social behavior	$391,250	Q4.S.B	Baylor College of Medicine
The genetic basis of mid-hindbrain malformations	$798,866	Q2.S.G	Seattle Children's Hospital
The genetic control of social behavior in the mouse	$342,540	Q4.S.B	University Of Hawai'i at Manoa
The genetic control of social behavior in the mouse (supplement)	$201,966	Q2.Other	University of Hawai'i at Manoa
The impact of Pten signaling on neuronal form and function	$346,014	Q2.Other	Dartmouth College

Project Title	Funding	Strategic Plan Objective	Institution
The impact of uncertainty in genome-wide testing for autism spectrum disorder	$240,000	Q1.S.E	University of Pennsylvania
The intersection of autism and ADHD	$160,519	Q1.L.B	Washington University in St. Louis
The microRNA pathway in translational regulation of neuronal development	$352,647	Q2.S.D	University of Massachusetts Medical School
The microstructural basis of abnormal connectivity in autism	$332,991	Q2.Other	University of Utah
The microstructural basis of abnormal connectivity in autism (supplement)	$226,217	Q7.H	University of Utah
The neural bases of top-down attentional control in autism spectrum disorders	$27,578	Q2.Other	City College of New York
The neural substrates of higher-level learning in autism	$192,500	Q2.Other	University of California, Davis
The neural substrates of social interactions	$15,865	Q2.Other	University of Iowa
The ontogeny of social visual engagement in infants at risk for autism	$473,149	Q1.L.A	Emory University
The Professional Development Center: Children with autism spectrum disorders	$0	Q5.L.C	University of North Carolina at Chapel Hill
The role of Fox-1 in neurodevelopment and autistic spectrum disorder	$145,757	Q2.Other	University of California, Los Angeles
The role of germline mutation and parental age in autism spectrum disorders	$757,596	Q3.S.C	University of California, San Diego
The role of intracellular metabotropic glutamate receptor 5 at the synapse	$13,400	Q2.S.D	Washington University in St. Louis
The role of MeCP2 in Rett syndrome	$382,858	Q2.S.D	University of California, Davis
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	$625,998	Q2.Other	Baylor College of Medicine
The roles of environmental risks and GEX in increasing ASD prevalence	$575,290	Q3.L.D	Yale University
The social brain in schizophrenia and autism spectrum disorders	$594,733	Q2.Other	Hartford Hospital
The striatal circuitry underlying autistic-like behaviors	$31,975	Q2.Other	Duke University
The Study of Toddlers with Autism and Regression (STAR) Protocol – Screening for treatable disorders and biomarkers of inflammation and immune activation in the plasma and CNS	$0	Q2.S.A	Surrey Place Centre, Toronto
The use of interactive television in identifying autism in young children	$188,750	Q1.S.A	University of Kansas Medical Center
Tooth pulp as a source for neuronal precursor cells to study neurogenetic disorders	$187,344	Q4.S.B	University of Tennessee Health Science Center
Toward outcome measurement of anxiety in youth with autism spectrum disorders	$829,922	Q1.L.B	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
Towards an endophenotype for amygdala dysfunction	$380,304	Q2.Other	California Institute of Technology
Training & research for autism & collaboration in kinesiology	$250,000	Q5.Other	Chico Research Foundation
Training in translational social neuroscience	$98,163	Q4.S.B	Emory University
Training outpatient clinicians to deliver cognitive behavior therapy to children	$238,101	Q4.S.C	University of Colorado Denver
Training personnel in minority institutions to serve infants, toddlers, and children with disabilities	$194,826	Q5.Other	Purdue University
Training personnel to serve school age children with low incidence disabilities: Autism spectrum disorders	$200,000	Q5.Other	University of Kansas
Training personnel to teach school-age children with autism	$0	Q6.L.A	Auburn University
Training school psychologists as specialists in the inclusion of students with autism	$0	Q5.Other	Lehigh University
Training school speech-language pathologists to assess and manage communication skills in children with autism	$197,633	Q5.Other	University of Massachusetts Amherst
Training Speech-Language Pathologists in the Public Schools to deliver Reliable Evidence-based Models of Technology Effectively	$248,184	Q5.Other	University of Massachusetts Amherst
Transcriptional regulators in normal human brain development and autism	$30,002	Q2.Other	University of California, Los Angeles
Transdisciplinary approaches to autism spectrum disorders	$299,673	Q5.Other	San Diego State University Research Foundation
Transgenic and knockout approaches to study protocadherin function	$228,750	Q4.S.B	The Ohio State University
Transition to adult services for youth with autism spectrum disorder	$283,935	Q6.L.A	Massachusetts General Hospital
Translating pivotal response training into classroom environments	$0	Q4.L.D	Rady Children's Hospital Health Center
Translational developmental neuroscience of autism	$168,116	Q1.L.B	New York University School of Medicine
Translational regulation of adult neural stem cells	$396,944	Q2.S.D	University of Wisconsin - Madison
Treatment of Autism Symptoms in Children (TASC): Initial RCT with active control	$385,000	Q4.Other	University of California, Los Angeles
Treatment of medical conditions among individuals with autism spectrum disorders	$339,591	Q2.S.E	National Institutes of Health
Treatment of sleep disturbances in young children with autism	$214,889	Q4.S.H	University of Pittsburgh
Trial of a glutamate antagonist in the treatment of OCD and autistic disorders	$33,959	Q4.L.A	National Institutes of Health
Typical and pathological cellular development of the human amygdala	$385,000	Q2.Other	University of California, Davis

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Understanding the role of Epac2 in cognitive function	$47,232	Q2.Other	Northwestern University
University of Minnesota – Somali Autism Surveillance Project	$108,610	Q7.J	University of Minnesota
Use of a family navigator in families with children newly diagnosed with autism spectrum disorder	$298,186	Q5.S.A	Boston University School of Medicine
Using induced pluripotent stem cells to identify cellular phenotypes of autism	$792,000	Q4.S.B	Stanford University
Using robotics to promote social cognitive skills in the inclusive classroom	$0	Q4.Other	Anthrotronix, Inc.
Using technology to expand and enhance applied behavioral analysis programs for children with autism in military families	$0	Q5.L.A	University of Nebraska Medical Center
Utility of social robots for promoting joint attention in infants and toddlers with disabilities	$0	Q4.Other	Orelena Hawks Puckett Institute
Validity of an anxious subtype in autism spectrum disorders	$50,294	Q1.L.B	University of California, Los Angeles
Vasopressin receptor polymorphism and social cognition	$395,156	Q2.Other	Georgia State University
Virtual Environment for Social Information Processing (VESIP) Phase II	$163,841	Q4.Other	Soar Technology, Inc..
Virtual reality applications for the study of attention and learning in children with autism and ADHD	$369,546	Q4.L.D	University of California, Davis
Visual attention and fine motor coordination in infants at risk for autism	$73,123	Q1.L.A	University of Connecticut
Vocational rehabilitation service models for individuals with autism spectrum disorders (VCU ASC Career Links)	$350,000	Q6.S.B	Virginia Commonwealth University
Voyages: From Natural Environments to Inclusive Preschools- Transforming Educational Outcomes for Young Children with Disabilities	$249,982	Q5.Other	George Washington University
White matter glial pathology in autism	$0	Q2.Other	East Tennessee State University
Wireless EEG system for training attention and eye movement in ASD	$271,250	Q4.Other	University of California, San Diego
Young development of a novel PET ligand for detecting oxytocin receptors in brain	$261,360	Q2.Other	Emory University
Young development of a novel PET ligand for detecting oxytocin receptors in brain (supplement)	$176,000	Q2.Other	Emory University